

CLAIMS

1. An in-vehicle display device mounted on a front panel in the vehicle interior of a vehicle, said in-vehicle display device comprising:

a dot matrix type display panel unit provided with a display unit which performs image display of the display panel unit and is set to be substantially square seen from the front.

2. The in-vehicle display device according to claim 1, wherein said display unit of said display panel unit is set so that longitudinal size ranges from 0.95 to 1.2 when lateral size is 1.

3. The in-vehicle display device according to claim 2, wherein said display unit of said display panel unit is set so that longitudinal size is set to be approximately 1.1 when lateral size is 1.

4. The in-vehicle display device according to claim 1, further comprising: a control unit which switches at least any one piece of information of information on air conditioner operation, information for vehicle control, and clock information and displays on said display panel unit, and

said control unit switchably includes a first mode which switches at least any one piece of said information and displays on said display panel unit; and a second mode which displays, on the basis of an image signal which make input from an in-vehicle camera for imaging the surroundings of the vehicle, an image corresponding to the image signal on said display device body.

5. A vehicle surroundings monitor for displaying a captured image of the surroundings of a vehicle in the vehicle interior, said vehicle surroundings monitor comprising:

an in-vehicle camera which captures the surroundings of the vehicle; and

5 an in-vehicle display device as set forth in claim 1, which is mounted in the vehicle interior and displays an image captured by said in-vehicle camera.

6. The vehicle surroundings monitor according to claim 5,

10 wherein said in-vehicle camera captures a region opposed to the vehicle side in the surroundings of the vehicle.

7. The vehicle surroundings monitor according to claim 5,

15 wherein said in-vehicle camera captures a region of the vehicle backward in the surroundings of the vehicle.